



RESOLUTION³
NEXT GENERATION DIMENSIONING

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3D IMAGE PROCESSING TECHNOLOGY

Resolution3 is a new and revolutionary, high quality/low cost mobile dimensioning & weighing solution. Designed & assembled in the UK, Resolution 3 incorporates a next-generation overhead camera that uses the very latest 3D imaging technology to measure length, width, height & volume of cubed or irregular shaped objects in just 0.05 secs.

When matched with one of our VWSPS stainless scales Resolution3 provides the ultimate system for weighing and dimensioning parcels, bags and other objects. Results and images can be viewed on the 15" touch-screen, viewed on a tablet or smartphone or transmitted by ethernet or WiFi to be easily integrated into software packages with Resolutions customisable data output and web service API.

The Resolution series also includes solutions for dimensioning and weighing pallets, in-motion on conveyors and for non-weighing dimensioning. Applications include parcel couriers, warehousing, freight companies, distribution, space allocation etc.

WEIGHTS AND DIMENSIONS...

...IN A FRACTION OF A SECOND
...AT A FRACTION OF THE PRICE

- Rapid return on investment. **Increase profits by up to 40%**
- Low cost, high quality Real Volume Dimensioner
- Dimensions cubic or irregular shaped objects
- Capture weight and dimensions in just **0.05 seconds**
- No separate PC required. All software included free of charge
- Data transmission over Ethernet, WiFi or RS232 with any format
- Set-up, control and download reports using the web interface from any browser (Chrome, Edge, Firefox etc)
- Integrate with scales, barcode printers or readers
- Automatic or manual barcode entry
- Easy integration for OEM systems with web service API
- Customisable size and weighing capacity

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CLASS III VERIFIED

Our ISO 9001:2015 registration includes our quality system approval for Self Verification, allowing us to test and certify scales for trade use here at our factory. All VW platforms use OIML approved loadcells and are designed for Class III approval.

CUSTOMER SUPPORT

We provide the highest level of before and after sales and service support. Our technical staff are highly experienced and knowledgeable in all aspects of the weighing industry and are ready to provide support and advice on any of our products.

QUALITY

Our ISO 9001:2015 registration ensures that all of our platforms are manufactured to strict quality standards and are fully QA tested and calibrated by our highly trained engineers.

EXPERIENCE

The quality and reliability of the VW range of industrial weighing scales is the result of over 25 years of design and manufacturing experience.

RELIABILITY

The VW range is built to last. We use high quality components and will not compromise on material and build quality. All of our loadcells are OIML approved and all platforms can be Class III verified as required.



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3
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- Resolution One dimensioning camera complete with all software (no additional software costs)
- 15" colour touch-screen
- 800mm x 800mm VWSPS stainless steel weighing platform and BX10 weight display
- Portable stainless frame with zero turning radius
- All cabling and power adaptors
- OPTIONAL: Handheld wired barcode scanner
- OPTIONAL: Barcode Label Printer

All measurement data and images are stored on the Resolution One Camera and can be...

- viewed locally on the Resolution 15" colour touch-screen display
- remotely viewed and downloaded from any PC, tablet or smartphone with a web browser using the built in web service
- sent via Ethernet, WiFi or RS232 to a PC or server in Excel file format using the powerful built in webserver and API.

SPECIFICATIONS

CUSTOM STAND AND SCALE SIZES AND CAPACITIES AVAILABLE UPON REQUEST

Technology	3D Image Processing
Measurable Objects	Cubic or Irregular Shaped Objects
Measurement Intervals and Accuracy	1 mm
Accuracy	+/- 1cm
Integration Options	Web Service or Excel-readable (XML) File Output over Ethernet, Wi-Fi or RS232
Output	Weight, Width, Length, Height, Dimensional Weight and Volume
Max Dimensioning Size	800mm x 800mm x 800mm as standard but fully customisable on request
Weighing Capacity Options	15kg, 30kg, 50kg, 60kg, 100kg, 150kg, 200kg and 300kg (others on request)
Operating Voltage	12V (220V when using adaptor)



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